

```
/*=====*/  
/* DBMS name:   ORACLE Version 11g           */  
/* Created on:  11/04/2021 16:53:32          */  
/*=====*/
```

alter table ATUA

drop constraint FK\_ATUA\_ATUA\_TURN0;

alter table ATUA

drop constraint FK\_ATUA\_ATUA2\_ENFERMEI;

alter table CONVOCA

drop constraint FK\_CONVOCA\_CONVOCA\_UTENTE;

alter table CONVOCA

drop constraint FK\_CONVOCA\_CONVOCA2\_CONVOCAT;

alter table CONVOCATORIA

drop constraint FK\_CONVOCAT\_TEM\_FASE;

alter table ENFERMEIRO

drop constraint FK\_ENFERMEI\_ADMINISTR\_LOCAL;

alter table FRASCO

drop constraint FK\_FRASCO\_COM\_LOTES;

alter table LIGADA

drop constraint FK\_LIGADA\_LIGADA\_REACAO;

alter table LIGADA

```
drop constraint FK_LIGADA_LIGADA2_VACINA;
```

```
alter table LOCAL
```

```
drop constraint FK_LOCAL_PERTENCE_CONCELHO;
```

```
alter table LOTES
```

```
drop constraint FK_LOTES_ARMAZENAM_ARMAZEM;
```

```
alter table LOTES
```

```
drop constraint FK_LOTES_CARREGA_TRANSPOR;
```

```
alter table LOTES
```

```
drop constraint FK_LOTES_CONTEM_VACINA;
```

```
alter table REACAO
```

```
drop constraint FK_REACAO_REAGE_UTENTE;
```

```
alter table TRANSPORTE
```

```
drop constraint FK_TRANSPOR_BUSCA_ARMAZEM;
```

```
alter table TRANSPORTE
```

```
drop constraint FK_TRANSPOR_TRANSPORT_LOCAL;
```

```
alter table UTENTE
```

```
drop constraint FK_UTENTE_SAO_CONCELHO;
```

```
drop table ARMAZEM cascade constraints;
```

```
drop index ATUA2_FK;
```

```
drop index ATUA_FK;
```

drop table ATUA cascade constraints;

drop table CONCELHO cascade constraints;

drop index CONVOCA2\_FK;

drop index CONVOCA\_FK;

drop table CONVOCA cascade constraints;

drop index TEM\_FK;

drop table CONVOCATORIA cascade constraints;

drop index ADMINISTRA\_FK;

drop table ENFERMEIRO cascade constraints;

drop table FASE cascade constraints;

drop index COM\_FK;

drop table FRASCO cascade constraints;

drop index LIGADA2\_FK;

drop index LIGADA\_FK;

drop table LIGADA cascade constraints;

drop index PERTENCE\_FK;

drop table LOCAL cascade constraints;

drop index ARMAZENAM\_FK;

drop index CARREGA\_FK;

drop index CONTEM\_FK;

drop table LOTES cascade constraints;

drop index REAGE\_FK;

drop table REACAO cascade constraints;

drop index BUSCA\_FK;

drop index TRANSPORTA\_FK;

drop table TRANSPORTE cascade constraints;

drop table TURNO cascade constraints;

drop index SAO\_FK;

drop table UTENTE cascade constraints;

drop table VACINA cascade constraints;

/\*=====\*/

```

/* Table: ARMAZEM */
/*=====*/
create table ARMAZEM
(
    ID_ARMAZEM      NUMBER(10)      not null,
    LOCAL           VARCHAR2(50),
    constraint PK_ARMAZEM primary key (ID_ARMAZEM)
);

```

```

/*=====*/
/* Table: ATUA */
/*=====*/
create table ATUA
(
    ID_TURN0        NUMBER(10)      not null,
    ID_ENFERMEIRO    NUMBER(10)      not null,
    constraint PK_ATUA primary key (ID_TURN0, ID_ENFERMEIRO)
);

```

```

/*=====*/
/* Index: ATUA_FK */
/*=====*/
create index ATUA_FK on ATUA (
    ID_TURN0 ASC
);

```

```

/*=====*/
/* Index: ATUA2_FK */
/*=====*/
create index ATUA2_FK on ATUA (
    ID_ENFERMEIRO ASC
);

```

```
);
```

```
/*=====*/
```

```
/* Table: CONCELHO */
```

```
/*=====*/
```

```
create table CONCELHO
```

```
(
```

```
    ID_CONCELHO    NUMBER(10)    not null,
```

```
    NOME_CONCELHO  VARCHAR2(50),
```

```
    REGIAO         VARCHAR2(50)    not null,
```

```
    NUM_REJEITARAM NUMBER(10),
```

```
    NVACINASDADAS_ NUMBER(10),
```

```
    constraint PK_CONCELHO primary key (ID_CONCELHO)
```

```
);
```

```
/*=====*/
```

```
/* Table: CONVOCA */
```

```
/*=====*/
```

```
create table CONVOCA
```

```
(
```

```
    ID_UTENTE      NUMBER(10)    not null,
```

```
    ID_CONVOCATORIA NUMBER(10)    not null,
```

```
    constraint PK_CONVOCA primary key (ID_UTENTE, ID_CONVOCATORIA)
```

```
);
```

```
/*=====*/
```

```
/* Index: CONVOCA_FK */
```

```
/*=====*/
```

```
create index CONVOCA_FK on CONVOCA (
```

```
    ID_UTENTE ASC
```

```
);
```

```

/*=====*/
/* Index: CONVOCA2_FK */
/*=====*/
create index CONVOCA2_FK on CONVOCA (
    ID_CONVOCATORIA ASC
);

```

```

/*=====*/
/* Table: CONVOCATORIA */
/*=====*/
create table CONVOCATORIA
(
    ID_CONVOCATORIA    NUMBER(10)    not null,
    NFASE              NUMBER(3),
    DATA_CONVOCATORIA DATE,
    N_CONVOCADOS       NUMBER(10),
    constraint PK_CONVOCATORIA primary key (ID_CONVOCATORIA)
);

```

```

/*=====*/
/* Index: TEM_FK */
/*=====*/
create index TEM_FK on CONVOCATORIA (
    NFASE ASC
);

```

```

/*=====*/
/* Table: ENFERMEIRO */
/*=====*/
create table ENFERMEIRO

```

```

(
    ID_ENFERMEIRO    NUMBER(10)    not null,
    LOCALVACINACAO   VARCHAR2(50),
    NOME             VARCHAR2(50),
    IDADE            NUMBER(10),
    TEMPO_MEDIO      DATE,
    constraint PK_ENFERMEIRO primary key (ID_ENFERMEIRO)
);

/*=====*/
/* Index: ADMINISTRA_FK                      */
/*=====*/
create index ADMINISTRA_FK on ENFERMEIRO (
    LOCALVACINACAO ASC
);

/*=====*/
/* Table: FASE                               */
/*=====*/
create table FASE
(
    NFASE            NUMBER(3)    not null,
    NUTENTESPREVISTOS  NUMBER(10),
    DATAINICIOTURNO   DATE,
    DATAFIMTURNO      DATE,
    constraint PK_FASE primary key (NFASE)
);

/*=====*/
/* Table: FRASCO                      */
/*=====*/

```



```

create table FRASCO
(
    ID_FRASCO      NUMBER(10)      not null,
    ID_LOTE        NUMBER(10)      not null,
    LOCALIZADO     SMALLINT,
    N_DOSES        NUMBER,
    constraint PK_FRASCO primary key (ID_FRASCO)
);

```

```

/*=====*/

```

```

/* Index: COM_FK */

```

```

/*=====*/

```

```

create index COM_FK on FRASCO (
    ID_LOTE ASC
);

```

```

/*=====*/

```

```

/* Table: LIGADA */

```

```

/*=====*/

```

```

create table LIGADA
(
    ID_REACAO      NUMBER(10)      not null,
    ID_VACINA      NUMBER(10)      not null,
    constraint PK_LIGADA primary key (ID_REACAO, ID_VACINA)
);

```

```

/*=====*/

```

```

/* Index: LIGADA_FK */

```

```

/*=====*/

```

```

create index LIGADA_FK on LIGADA (
    ID_REACAO ASC

```

);

/\*=====\*/

/\* Index: LIGADA2\_FK \*/

/\*=====\*/

create index LIGADA2\_FK on LIGADA (

ID\_VACINA ASC

);

/\*=====\*/

/\* Table: LOCAL \*/

/\*=====\*/

create table LOCAL

(

LOCALVACINACAO VARCHAR2(50) not null,

ID\_CONCELHO NUMBER(10) not null,

DATA DATE,

NVACINADOS NUMBER(10),

NVACINASDADOS NUMBER(10),

NIMUNIZADOS NUMBER(10),

NTOTALTURNOS NUMBER(10),

\_NUMCONVOCADOS\_ NUMBER(10),

NUMVACINASDISPONIVEIS NUMBER(10),

constraint PK\_LOCAL primary key (LOCALVACINACAO)

);

/\*=====\*/

/\* Index: PERTENCE\_FK \*/

/\*=====\*/

create index PERTENCE\_FK on LOCAL (

ID\_CONCELHO ASC

```
);
```

```
/*=====*/
```

```
/* Table: LOTES */
```

```
/*=====*/
```

```
create table LOTES
```

```
(
```

```
    ID_LOTE      NUMBER(10)    not null,
```

```
    ID_VACINA    NUMBER(10)    not null,
```

```
    ID_TRANSPORTE NUMBER(10)    not null,
```

```
    ID_ARMAZEM   NUMBER(10),
```

```
    N_FRASCOS    NUMBER(10),
```

```
    constraint PK_LOTES primary key (ID_LOTE)
```

```
);
```

```
/*=====*/
```

```
/* Index: CONTEM_FK */
```

```
/*=====*/
```

```
create index CONTEM_FK on LOTES (
```

```
    ID_VACINA ASC
```

```
);
```

```
/*=====*/
```

```
/* Index: CARREGA_FK */
```

```
/*=====*/
```

```
create index CARREGA_FK on LOTES (
```

```
    ID_TRANSPORTE ASC
```

```
);
```

```
/*=====*/
```

```
/* Index: ARMAZENAM_FK */
```

```
/*=====*/
create index ARMAZENAM_FK on LOTES (
    ID_ARMAZEM ASC
);
```

```
/*=====*/
/* Table: REACAO */
/*=====*/
create table REACAO
(
    ID_REACAO      NUMBER(10)      not null,
    ID_UTENTE      NUMBER(10)      not null,
    DESCRICAO      VARCHAR2(100),
    constraint PK_REACAO primary key (ID_REACAO)
);
```

```
/*=====*/
/* Index: REAGE_FK */
/*=====*/
create index REAGE_FK on REACAO (
    ID_UTENTE ASC
);
```

```
/*=====*/
/* Table: TRANSPORTE */
/*=====*/
create table TRANSPORTE
(
    ID_TRANSPORTE  NUMBER(10)      not null,
    ID_ARMAZEM     NUMBER(10)      not null,
    LOCALVACINACAO VARCHAR2(50)    not null,
```

```

N_LOTES      NUMBER(10),
DESTINO      VARCHAR2(50),
ORIGEM       VARCHAR2(50),
DATA         DATE,
constraint PK_TRANSPORTE primary key (ID_TRANSPORTE)
);

```

```

/*=====*/
/* Index: TRANSPORTA_FK          */
/*=====*/
create index TRANSPORTA_FK on TRANSPORTE (
    LOCALVACINACAO ASC
);

```

```

/*=====*/
/* Index: BUSCA_FK              */
/*=====*/
create index BUSCA_FK on TRANSPORTE (
    ID_ARMAZEM ASC
);

```

```

/*=====*/
/* Table: TURNO                 */
/*=====*/
create table TURNO
(
    ID_TURNO      NUMBER(10)      not null,
    DATAINICIOTURNO  DATE,
    DATAFIMTURNO    DATE,
    ATIVO          SMALLINT,
    constraint PK_TURNO primary key (ID_TURNO)
);

```

);

/\*=====\*/

/\* Table: UTENTE \*/

/\*=====\*/

create table UTENTE

(

ID\_UTENTE        NUMBER(10)        not null,  
ID\_CONCELHO        NUMBER(10)        not null,  
NOME                VARCHAR2(50),  
IDADE                NUMBER(10),  
IMUNIZADO           SMALLINT,  
DOENTE              SMALLINT,  
PROFISSAO           VARCHAR2(50),  
LOCALDETRABALHO    VARCHAR2(50),  
DATADENASCIMENTO    DATE,  
REJEITOU            SMALLINT,  
CONVOCADO           SMALLINT,  
NDOSESTOMADAS        NUMBER(3),  
DATAULTIMADOSE        DATE,  
constraint PK\_UTENTE primary key (ID\_UTENTE)

);

/\*=====\*/

/\* Index: SAO\_FK \*/

/\*=====\*/

create index SAO\_FK on UTENTE (

ID\_CONCELHO ASC

);

/\*=====\*/

```

/* Table: VACINA */
/*=====*/
create table VACINA
(
    ID_VACINA      NUMBER(10)      not null,
    NOME           VARCHAR2(50),
    DATAAPROVACAO DATE,
    NDOSESNECESSARIAS NUMBER(3),
    TEMPO_INTERVALO DATE,
    constraint PK_VACINA primary key (ID_VACINA)
);

alter table ATUA
add constraint FK_ATUA_ATUA_TURNO foreign key (ID_TURNO)
references TURNO (ID_TURNO);

alter table ATUA
add constraint FK_ATUA_ATUA2_ENFERMEI foreign key (ID_ENFERMEIRO)
references ENFERMEIRO (ID_ENFERMEIRO);

alter table CONVOCA
add constraint FK_CONVOCA_CONVOCA_UTENTE foreign key (ID_UTENTE)
references UTENTE (ID_UTENTE);

alter table CONVOCA
add constraint FK_CONVOCA_CONVOCA2_CONVOCAT foreign key (ID_CONVOCATORIA)
references CONVOCATORIA (ID_CONVOCATORIA);

alter table CONVOCATORIA
add constraint FK_CONVOCAT_TEM_FASE foreign key (NFASE)
references FASE (NFASE);

```

alter table ENFERMEIRO

add constraint FK\_ENFERMEI\_ADMINISTR\_LOCAL foreign key (LOCALVACINACAO)  
references LOCAL (LOCALVACINACAO);

alter table FRASCO

add constraint FK\_FRASCO\_COM\_LOTES foreign key (ID\_LOTE)  
references LOTES (ID\_LOTE);

alter table LIGADA

add constraint FK\_LIGADA\_LIGADA\_REACAO foreign key (ID\_REACAO)  
references REACAO (ID\_REACAO);

alter table LIGADA

add constraint FK\_LIGADA\_LIGADA2\_VACINA foreign key (ID\_VACINA)  
references VACINA (ID\_VACINA);

alter table LOCAL

add constraint FK\_LOCAL\_PERTENCE\_CONCELHO foreign key (ID\_CONCELHO)  
references CONCELHO (ID\_CONCELHO);

alter table LOTES

add constraint FK\_LOTES\_ARMAZENAM\_ARMAZEM foreign key (ID\_ARMAZEM)  
references ARMAZEM (ID\_ARMAZEM);

alter table LOTES

add constraint FK\_LOTES\_CARREGA\_TRANSPOR foreign key (ID\_TRANSPORTE)  
references TRANSPORTE (ID\_TRANSPORTE);

alter table LOTES

add constraint FK\_LOTES\_CONTEM\_VACINA foreign key (ID\_VACINA)



```
references VACINA (ID_VACINA);
```

```
alter table REACAO
```

```
add constraint FK_REACAO_REAGE_UTENTE foreign key (ID_UTENTE)
```

```
references UTENTE (ID_UTENTE);
```

```
alter table TRANSPORTE
```

```
add constraint FK_TRANSPOR_BUSCA_ARMAZEM foreign key (ID_ARMAZEM)
```

```
references ARMAZEM (ID_ARMAZEM);
```

```
alter table TRANSPORTE
```

```
add constraint FK_TRANSPOR_TRANSPORT_LOCAL foreign key (LOCALVACINACAO)
```

```
references LOCAL (LOCALVACINACAO);
```

```
alter table UTENTE
```

```
add constraint FK_UTENTE_SAO_CONCELHO foreign key (ID_CONCELHO)
```

```
references CONCELHO (ID_CONCELHO);
```